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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/830,605	04/30/2001	Akira Ichikawa	Q64273	9350

7590 10/30/2002

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EXAMINER
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CHANG, VICTOR S

ART UNIT	PAPER NUMBER
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1771

DATE MAILED: 10/30/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.	Applicant(s)
09/830,605	ICHIKAWA ET AL.
Examiner	Art Unit
Victor S Chang	1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) Responsive to communication(s) filed on 7/3182002.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-6 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) Notice of References Cited (PTO-892)      4) Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_ .
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) Notice of Informal Patent Application (PTO-152)
- 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.      6) Other: \_\_\_\_\_ .

## DETAILED ACTION

### ***Specification***

1. The Domestic Priority data as claimed by Applicant has been corrected as --  
PCT/JP00/005863--.

### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:  

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
3. Claims 1-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors. For example:

In claim 1, line 1, the Examiner suggests to delete “characterized by”, and “which” in line 4 lacks sort of proper antecedent basis.

In claim 1, line 4, the Examiner suggests to delete “for applying to an article”.

In claim 3, line 3, it is not clear to the Examiner whether the “support sheet” is the same as the “circuit substrate” in claim 1, and “adhesive layer” in line 2 is clearly not the structure referred to in the remaining lines of the claim.

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In claim 4, line 2, and claim 6, line 5, the term “contactless” is vague and indefinite, and the remainder of the claim structure is simply not understood.

Multiple dependent claim 5 (and also claim 6) is dependent upon a multiple dependent claim (claim 4).

In claim 5, line 3, the Examiner suggests change “a reverse side” to --on the reverse side--.

#### ***Claim Rejections - 35 USC § 103***

**4.** The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**5.** Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicants' admission in view of Tanimura et al. (US 6065701).

Applicants appear to admit that an adhesive label containing a contact-less data carrier element mounted on one or both surfaces of a circuit substrate, with connecting through-hole in the latter case, is conventional and well known (Specification, pages 1-2, connecting paragraph). It is noted that the instant claimed invention covers the electronic components with a pressure sensitive layer (7), as illustrated in Figs 1-2. Tanimura's invention is directed to a label comprising electronic components (Abstract). In Fig. 2, Tanimura illustrates a label with the electronic components embedded in adhesive layers (15, 17) and attached to a substrate of reinforcing material (14), with

additional adhesive layer (13) and a surface layer of a coated paper (12) on the opposite side of the substrate. As such, it would have been obvious to one of ordinary skill in the art to modify the applicants' admitted conventional electronic containing label with Tanimura's teaching to embed the electronic components in an adhesive layer, motivated by the desire to form a durable integral label assembly.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor S Chang whose telephone number is 703-605-4296. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel H Morris can be reached on 703-308-2414. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

VSC  
October 25, 2002

DANIEL ZIRKER  
PRIMARY EXAMINER  
GROUP 1300  
1700

*Daniel Zirker*